



Technical Data Sheet

TBIO HumiPower

Physical Properties	Chemical Properties	Elements		Heavy Metals
Form: Flake	Total Humic Extract (Dry basis): 80 %	C: 43.75 %	H: 2.31 %	As: 2.35 ppm
Color: Black brown	Fulvic Acid (Dry basis): 15 %	O: 13.76 %	N: 0.92 %	Cd: 0.07 ppm
Smell: Mild Odor	Potassium (K ₂ O dry basis): 8 %	S: 1.41 %		Cr: 4.71 ppm
Water Solubility: Completely	P: 0.044 %			Ni: 4.43 ppm
PH at 10%: 9.0 – 11.0	Ca: 1.30 %	Fe: 0.39 %	Zn: 17.30 mg/kg	Hg: 4.20 ppm
Moisture: 15 %	Mg: 0.29 %	Cu: 5.27 mg/kg	B: 15.90 mg/kg	Pb: 6.30 ppm
Specific Gravity: 0.65		Mn: 183 mg/kg		
Stability: stable under light				

General Information

TBIO HumiPower is concentrated humic acid extracted from young active leonardite mine. Presented as fine powder or flake, it has a feature of wonderful water solubility in a wide span of PH value including the slightly acid conditions;

The small molecular weight enhances its chelating capability and enables it more easily to be uptook by plant.

Application

TBIO HumiPower is widely applied in agricultural and horticultural crops, fruit trees, landscaping, gardening and pasture.

Soil application: 2-3kg/ha or 5% of total fertilizer application

Drop application: 2-3kg/ha; Flood: 2-4kg/ha

Foliar application: 1-2g/L, 1-2kg/ha

Packaging and storage

Available in 1kg, 5kg, 10kg, 20Kg bag or 600Kg bulk bag

To be stored in a dry, clean, dark, well ventilated, moisture proof place. When stored under normal conditions in original unopened containers, no change of its physical, chemical and biological properties will occur in a minimum of 2 years.

* **Caution:** the miscibility test should be done before formulate with pesticide and fertilizer.